

A Summary of the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories

Background

This report summarises additions and revisions to the *1995 IPCC Guidelines for National Greenhouse Gas Inventories (1995 IPCC Guidelines)*. It also describes efforts made by the IPCC to harmonise methods with others. The additions and revisions were accepted by the IPCC at its Twelfth Session held in Mexico City (11-13 September 1996) after acceptance by Working Group I at its Sixth Session held in Mexico City (10 September 1996) in accordance with IPCC procedures. They are called the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*. Within this report, a revision of an existing methodology or default data is referred to as a 'revision', 'revised method' or 'revised data'. Additional methods and default data are defined as 'new' methods or 'new data'.

Harmonisation of International Emission Estimation Methodologies

Progress has been made in the harmonisation of the IPCC and EMEP/CORINAIR methodologies to allow more direct comparison of the two approaches. These changes are mainly in the Energy Chapter, but harmonisation was a theme in all other chapters, including industrial processes. Examples of harmonisation are given below from the Energy Chapter:

- Biomass fuels are allocated to the various source categories (*new*). As in *1995 IPCC Guidelines*, CO₂ from biomass will not be reported in national totals as this is captured in the Land-use Change and Forestry Chapter
- Emissions from fuel used for electricity and heat production by autoproducers will be included in the sector where it is generated and not with the transformation industries.
- Treatment of evaporative emissions (NMVOCs) from road transport in the Tier 2 method of IPCC is made consistent with CORINAIR. Combustion and evaporative emissions are to be reported separately. However, in the *new* Tier I IPCC method, all emissions from road transport are included together under fuel combustion.
- Development of a *new* Tier 2 method for estimating emissions from aircraft.

References

Australian Methodology for the Estimation of Greenhouse Gas Emissions and Sinks (1996).

Joint EMEP/CORINAIR Atmospheric Emission Inventory Guidebook (1996), 1st Edition, European Environmental Agency.

1995 IPCC Guidelines for National Greenhouse Gas Inventories, Reporting Instructions (Volume 1); Workbook (Volume 2); Reference Manual (Volume 3).

LIST OF ABBREVIATIONS

CO ₂	Carbon dioxide
CH ₄	Methane
N ₂ O	Nitrous oxide
SO ₂	Sulphur dioxide
NO _x	Sum of nitrogen oxide and nitrogen dioxide
CO	Carbon monoxide
NH ₃	Ammonia
NMVOG	Non-methane volatile organic compounds

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